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Urban District Council.



**ANNUAL
REPORT**

OF THE

**MEDICAL OFFICER
OF HEALTH**

FOR THE

**YEAR ENDED
31st DECEMBER,
1938.**



Hazel Grove & Bramhall Urban District Council.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

YEAR ENDED 31st DECEMBER, 1938.

MEDICAL OFFICER OF HEALTH :

H. R. DUGDALE, M.B., Ch.B., D.P.H.

SANITARY DEPARTMENT :

Chief Sanitary Inspector: ROBERT WILSON

Certificate of Royal Sanitary Institute.

*Certificate of Sanitary Inspectors' Examination Board
(London).*

Assistant Sanitary Inspector: L. DAVIES.

*Certificate of Sanitary Inspectors' Examination Board
Joint Board.*

Clerk: H. LINDSAY.

HYDE :

J. ANDREW & CO. LTD., PRINTERS "HERALD AND REPORTER," HAMNETT STREET.

HAZEL GROVE AND BRAMHALL URBAN
DISTRICT COUNCIL.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE
YEAR ENDED 31st DECEMBER, 1938.

*To the Chairman and Members of the
Hazel Grove and Bramhall Urban District Council.*

Mr. Chairman and Gentlemen,

Owing to the recent death of Dr. Thomas Moore, it falls to me to present to you his Report on the Health of the District for the year 1938.

I do not feel that you would wish me to add to his remarks in any way, and apart from my signature the Report is exactly as he left it.

STATISTICS.

Area of the District (in acres)	4,526
Population (Registrar-General's estimate, mid-1938)...	16,340
Census Population, 1931 (including Offerton)	13,300
Number of Inhabited Houses at the end of 1938, according to the Rate Books	5 403
Number of Empty Houses	246
Total	<hr/> 5,649 <hr/>
Number of Houses entered in Rate Books during the year... ..	152
Rateable Value	£147,789
Sum represented by a Penny Rate	£565

Vital Statistics.

LIVE BIRTHS—	<i>Total.</i>	<i>M</i>	<i>F.</i>	
Legitimate ...	240 ...	112	128	
Illegitimate ...	5 ...	5	—	
Total Live Births	245 ...	117	128	

Birth rate per thousand estimated resident population = 15.00.

STILL BIRTHS—				
Legitimate	12 ...	5	7	
Illegitimate ...	1 ...	—	1	
Total Still Births.	13 ...	5	8	

Rate per thousand live and still births = 50.39.

Total Live and Still Births... ..	258 ...	122	136	
DEATHS	183 ...	94	89	

Death rate per thousand estimated resident population = 11.20.

Deaths from Puerperal Causes ... Nil.

Infantile Deaths.

Deaths of Infants under one year of age:—

	<i>Total.</i>	<i>Male.</i>	<i>Female.</i>
Legitimate	12 ...	8	4
Illegitimate	1 ...	1	—
Total Infantile Deaths ...	13 ...	9	4

Death Rate, all Infants, per 1,000 Live Births = 53.06

„ „ Legitimate Infants, per 1,000 Legitimate Live Births = 50.00

„ „ Illegitimate Infants, per 1,000 Illegitimate Live Births = 200.00

Deaths from Cancer, etc.

Deaths from Cancer (all ages)	28
„ „ Measles (all ages)... .. .	1
„ „ Whooping Cough (all ages)... .. .	Nil.
„ „ Diarrhoea (under 2 years)	Nil.

INFECTIOUS DISEASES:

	No. of Cases Notified.	No. of Cases Removed to Hospital.	No. of Total Deaths.
Small Pox... ..	—	—	—
Scarlet Fever... ..	20	14	—
Diphtheria	24	21	—
Puerperal Fever	—	—	—
Puerperal Pyrexia ...	—	—	—
Pneumonia	2	—	—
Membranous Croup .	—	—	—
Erysipelas... ..	3	2	—
Totals	49	37	—

One case of Measles was removed to Hospital.

Analysis of Notified Cases.

Age Periods.	Scarlet Fever.	Diphtheria.	Pneumonia.	Erysipelas.
Under 1 year	1	—	—	—
1—2	—	—	—	—
2—3	—	—	—	—
3—4	1	2	—	—
4—5	1	3	—	—
5—10	13	13	1	1
10—15	3	1	—	—
15—20	—	—	—	—
20—35	1	4	1	—
35—45	—	1	—	1
45—65	—	—	—	1
65 and over... ..	—	—	—	—
Totals	20	24	2	3

Hospital Accommodation.

The number of beds retained at Hyde Isolation Hospital is eight, six being for Scarlet Fever, Diphtheria, Typhoid Fever, Chicken Pox, Erysipelas or Measles, and two for Small Pox.

The County Council's Scheme for Isolation Hospitals again proved advantageous, three cases being sent to Macclesfield and two to Altrincham.

The cases are removed by the Ambulances of the Authority receiving them. This is found to be a satisfactory arrangement.

Cases other than Infectious Disease are removed by the Stockport Police Ambulance or the Ambulance of the Public Assistance Committee. No difficulty has been experienced.

Bacteriological Examinations.

Forty-seven Swabs were taken by Medical Practitioners for examination for Diphtheria at the Stockport Infirmary Pathological Department, at the cost of the Council. Five gave a positive result and 42 a negative result.

TUBERCULOSIS.

Cases of Tuberculosis and Mortality.

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year .....	...	...	...	...	...	...	...	...
1— 5 .....	...	...	...	...	...	...	1	...
5—15 .....	...	...	...	1	...	1	...	...
15—25	1	3	...	2	...	1	...	...
25—35	1	4	...	...	1	...	...	...
35—45	3	1	...	...	2	1	...	1
45—55	2	...	...	...	3	1	...	...
55—65	2	2	...	...	2	...	...	...
65 and over .....	...	...	...	...	...	...	...	...
Totals...	9	10	...	3	8	4	1	1

Bacteriological Examinations.

The following specimens of Sputum were examined in the County Council laboratory, with the results shown:—

Positive.	Negative.	Total.
7	31	38

SCHOOLS.

All the Schools in the Area are supplied with water from Stockport Corporation mains, and are in good sanitary condition.

No Schools have been closed on account of Infectious Disease. Contacts with cases of Infectious Disease are excluded from School by Certificate for periods in accordance with the periods of the School Medical Authority. Certificates allowing contacts to return to school are not issued unless the contacts show no signs of infection.

HOUSING.

1. Inspection of Dwelling-houses during the Year:—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)... ..	259
(b) Number of inspections made for the purpose	520
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	69
(b) Number of inspections made for the purpose	330
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation... ..	2
(4) Number of dwelling-houses (exclusive of those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation...	194

2. Remedy of Defects during the Year without Service of Formal Notices:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the local Authority or their officers ...	107
---	-----

3. Action under Statutory Powers:

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs... ..	45
(2) Number of dwelling-houses which were rendered fit after service of formal notices:—	
(a) By owners	60
(b) By Council in default of owners	2

NOTE.—29 of the houses rendered fit followed Formal Notices served in 1937.

(b) Proceedings under Public Health Acts:	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	10
(2) Number of dwelling-houses in which defects were remedied after service of formal notices —	
(a) By owners... ..	8
(b) By Council in default of owners... ..	—

(c) Proceedings under sections 11 and 13 of the Housing Act, 1936:	
(1) Number of dwelling-houses in respect of which Demolition Orders were made...	—
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ...	—

NOTE.—Houses found to be unfit reported under Section 11 to be dealt with in the new year	2
--	---

(d) Proceedings under section 12 of the Housing Act, 1936:—	
(1) Number of separate tenements or underground rooms in respect of which closing orders were made	—
(2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit	—

4. Housing Act, 1936—Part IV—Overcrowding.

(a) (1) Number of dwellings overcrowded at the end of the year	11
(2) Number of families dwelling therein ...	11
(3) Number of persons dwelling therein ...	77

(b) Number of new cases of overcrowding (due to children reaching 10 years of age)	3
(c)(1) Number of cases of overcrowding relieved during the year	3
(2) Number of persons concerned in such cases	25
(d) Particulars of any cases in which dwelling- houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	—
(e) Any other particulars with respect to over- crowding which the Medical Officer of Health may desire to report:—	
(1) Number of Certificates of “permitted number” issued... ..	58
(2) Number of houses measured to ascer- tain “permitted number”	167

I am, Mr. Chairman and Gentlemen,

Yours respectfully,

H. R. DUGDALE,

Medical Officer of Health.

June, 1939.

HAZEL GROVE AND BRAMHALL URBAN DISTRICT COUNCIL.

THE COUNCIL HOUSE,
HAZEL GROVE,

DR. H. R. DUGDALE,
Medical Officer of Health.
Hazel Grove,

Cheshire.
8th May, 1939.

Dear Sir,

ANNUAL REPORT, 1938.

I have pleasure in giving you the following particulars, relative to the Council's District, for the Year ended 31st December, 1938.

MISCELLANEOUS.

Number of Licensed Petrol Stores 24

New Streets and Buildings, 1938.

Number of Plans submitted for approval... .. 319
Number of Plans approved 312
Number of Plans not approved... .. 7

The Plans approved were for:—

Houses 172
Residential Shops Nil.
Lay-outs of New Streets and Sewers 5
Lay-outs of Land 6
Additions and Alterations 44
Public Buildings Nil.
Garages 36
Miscellaneous 39

Temporary Buildings:—

Garages... .. 78
Store Sheds 27
Other Temporary Buildings... .. 20

Number of New Houses completed:—

Hazel Grove Drainage Area	55
Bramhall Drainage Area	137
	<hr/>
	192
	<hr/>

No. of New Houses in progress at 31st Dec., 1938 125

Drainage and Sewerage Facilities.

During the year additional sewers, consequent upon new building development, have been laid as under:—

- Hazel Grove: 417 yards of Sewage Sewers.
401 yards of Surface Water Sewers.
- Bramhall: 815 yards of Sewage Sewers.
712 yards of Surface Water Sewers.

The following surface water sewers were constructed by the Council under contract in connection with making up private streets and other road works:—

- Hazel Grove: 245 yards Surface Water Sewer.
- Bramhall: 816 yards Surface Water Sewer.

During the year good progress was made on the Hazel Grove Drainage Scheme and the Contractors are now approaching completion. The lengths of sewer constructed under this Scheme have not been included in the figures given above as these lengths are still under maintenance by the Contractors.

The Bramhall Drainage Scheme was actively started in November last and very good progress has been made with construction up to the present.

Yours faithfully,

J. FLEMING ANDREW,

Engineer and Surveyor.

HAZEL GROVE AND BRAMHALL URBAN DISTRICT COUNCIL.

Annual Report of the Chief Sanitary Inspector to the Council for the
Year ended 31st December, 1938.

*To the Chairman and Members of the
Hazel Grove and Bramhall Urban District Council.*

Gentlemen,

I beg to submit the following report of the work done by my Department during 1938; also to report on House Refuse Collection and Disposal for the financial year ending on the 31st March, 1939.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply.—Two samples of water supplied through the mains of Stockport Corporation were submitted to the Public Analyst for bacteriological examination and chemical analysis. The Public Analyst reported as follows:—

Both Samples: A clear and colourless water; free from odour or deposit.

Analytical Returns (expressed in parts per 100,000):—

	No. 1.	No. 2.
Total saline matter in solution ...	8.4	9.6
Non-volatile (mineral) solids ...	7.0	8.8
Loss on ignition (organic and volatile matter) ...	1.4	0.8
Matters in suspension ...	Nil.	Nil.
Total hardness ...	3.0	4.0
Temporary hardness ...	1.4	2.0
Permanent hardness... ..	1.6	2.0
Combined chlorine	1.1	0.9
Toxic metals	Nil.	Nil.
Ammoniacal nitrogen... ..	0.003	0.001
Albuminoid do.	0.001	0.002
Nitrous do. (Nitrites)	Nil.	Nil.
Nitric do. (Nitrates) ...	0.08	Nil.
Oxygen absorbed in 3 hours at 26.7° C.	0.015	0.07

Bacteriological Examination.

Number of organisms, per cubic centimetre, developing on:—

(a) Agar-agar media at 20° C.	1	.....	10
(b) Agar-agar media at 37° C.	0	.....	3

No. 1. No. 2.

B. Coli. (presumptive test):	Absent in 1.0, 5.0, 10.0 and 3 volumes of 20.0 c.c., i.e., 76.0 c.c's in all.	Absent in 1.0 c.c (5 tubes), 10.0 c.c. (5 tubes) & 50.0 c.c. (1 tube)
------------------------------	---	---

Probable number of Coli-aerogenes organism present in 100 c.c.

— Nil.

No. 1. No. 2.

Opinion—

The results of bacteriological examination support the analytical evidence of the pure and wholesome nature of this supply, which is admirably suited for potable and general domestic use.

A pure and wholesome potable supply.

Rivers and Streams.—Following the provision of a new sewer in Buxton Road, 13 houses (including one farm dairy) and two factories previously discharging sewage into cess-pools or land drains have been connected with the sewer. Further premises are being dealt with.

Sanitary Conveniences.—The following tables show the alterations carried out and the revised list of conveniences at the end of the year:—

Alterations and Additions.

Houses provided with water closets.	Additional water closets provided.	Dry ashpits abolished.	Houses provided with dustbins.
6	3	6	14

List of Conveniences.

Drainage Area.	Pail or Chemical Closets.	Privies.	Middens.	Dry Ashpits.	Dustbins.	Water Closets.
Hazel Grove	25	80	59	3	3274	3189
Bramhall	4	18	14	1	2268	2935
Total	29	98	73	4	5542	6124

Sanitary Inspection of the Area.

The following table gives a list of the inspections made during the year:—

Dwelling-houses:—

(a) Public Health Acts	190
(b) Housing Act, 1936	69
Infectious Diseases	71
Following Notices under Public Health Act	260
Following Notices under Housing Act	261
Overcrowding Provisions of Housing Act	107
Moveable Dwellings... ..	5
Slaughterhouses	1001
Food Stores and Butchers' Shops	224
Complaints investigated	181
Farm Dairies	188
Retail Dairies and Milk Vehicles... ..	28
Factories (not Food Premises)	141
Outworkers' Premises	3
Bakehouses	62
Public Conveniences	16
Smoke Observations	45
Watercourses	16
Public Hall Sanitation	9
School Sanitation	3
Shops Act Inspections	29

Details of Inspections under the Housing Acts are given by the Medical Officer of Health.

Notices Served.

The following table shows the action taken with regard to defects. Informal action being shown opposite the statute which would have been used if necessary:—

Statute	Informal Notices.	Statutory Notices.	Complied With.	Out-standing.
Public Health Act, 1936—				
Section 39	54 ...	2 ...	47 ...	7
Section 40	2 ...	— ...	2 ...	—
Section 44	14 ...	1 ...	5 ...	9
Section 45	12 ...	1 ...	11 ...	—
Section 50	3 ...	1 ...	3 ...	—
Section 75	91 ...	17 ...	80 ...	11
Section 79	6 ...	1 ...	6 ...	—
Section 83	7 ...	1 ...	7 ...	—
Sections 92 & 93	33 ...	3 ...	29 ...	4
Section 246	5 ...	— ...	4 ...	1
Section 268	5 ...	1 ...	5 ...	—
Factory and Workshop Act, 1901—				
Section 9	2 ...	— ...	2 ...	—
Section 99	6 ...	— ...	6 ...	—
Factories Act, 1937—				
Section 2 (6) ...	1 ...	— ...	1 ...	—
Section 3 (2) ...	1 ...	— ...	1 ...	—
Section 7	3 ...	1 ...	2 ...	—
Section 157	6 ...	— ...	6 ...	—
Shops Act, 1934—				
Section 10 (2) ...	6 ...	1 ...	5 ...	1
Milk & Dairies Order, 1926—				
Article 12	1 ...	— ...	1 ...	—
Article 22 (a) ...	6 ...	— ...	6 ...	—
Article 23	1 ...	— ...	1 ...	—
Article 25	2 ...	— ...	2 ...	—
Milk & Dairies (Consolidation) Act, 1915—				
Section 6	2 ...	— ...	2 ...	—

Smoke Abatement.

Complaints have been received of nuisance from smoke from one chimney, the furnace to which was provided with automatic feed stokers and forced draught in 1938. This chimney was found to discharge considerable volumes of smoke, which however was not black, and therefore complied with the Bye-law which allows two minutes of black smoke in thirty minutes. The attention of the owner was called to the discharge of dense smoke, but no other action was taken. Observations were taken of the other chimneys in the district.

Shops Act, 1934.

Three defective water closets were repaired; two shops were provided with water closets; in addition, one Notice to provide a water closet was served, which will be complied with early in 1939.

Condition of Offices.

The Offices inspected were found to be in good condition. There are very few offices in the district which are not attached to factories and these have been inspected at the same time as the factories.

Camping Sites.

- (1) Three sites have been used for camping purposes.
- (2) A licence for one moveable dwelling was in force during the year, under Section 269 of the Public Health Act, 1936.
- (3) It is estimated that not more than 20 campers were resident in the Area at any one time during the summer of 1938.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

Number of farms registered	31
Retail Purveyors registered	67

The number of registered Farm Dairies having milking machines has increased to 15, and the number having automatic refrigerators to 5. One farm has been provided with water from the Stockport Corporation mains in lieu of well water.

Milk (Special Designations) Order.—One farm is licensed to produce “tuberculin tested” milk and 11 farms have “accredited” licences.

Bacteriological Examination.

Thirty-seven samples of Milk were submitted to the Methylene Blue Test (including 20 samples from non-accredited farms taken and examined by the County Council); two of the samples did not comply with the test.

Twenty-eight samples were submitted to the Coliform Test (including 20 samples from non-accredited farms taken and examined by the County Council). B. Coli was present in 1 c.c. of seven of the samples, but in only one tube of 1/100th c.c. in three of the seven samples. Further samples have been or will be taken of the milk not complying with the standards.

Eighteen samples were submitted for examination for tuberculosis by inoculation, and in one only tubercle bacilli were found.

All the Council's samples were submitted to the City Bacteriological Laboratory at Salford.

Slaughterhouses, Meat Regulations and Inspection of Meat.

Number of Licensed Slaughterhouses	9
Number of Butchers giving regular notice of slaughter... ..	7
Number of occasional notices of slaughter received	127

One of the slaughterhouses is at a pork and bacon factory, where 42,514 swine were slaughtered during the year.

Table of Inspection, Slaughtering and Condemnation.

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed	283	224	76	3,175	42,560
Number inspected	268	219	33	731	36,546
<i>All Diseases except Tuberculosis—</i>					
Whole carcase condemned... ..	—	—	—	1	25
Carcases of which part or organ was condemned	8	15	—	1	251
Per cent. of number inspected affected with diseases other than tuberculosis .	2.98	6.85	—	0.27	0.75

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
<i>Tuberculosis :</i>					
Whole carcase con- demned... ..	—	—	—	—	43
Carcases of which some part or organ was condemned .	9	59	—	—	3,620
Percentage of num- ber inspected affected with Tuberculosis .	3.36	26.94	—	—	9.9

Pigs are stunned by electricity at the bacon factory. All other animals, including sheep, are stunned by means of the humane killer.

FACTORIES.

Under the Factories Act, 1937, the use of the description "workshop" was discontinued, the distinction now being factories with and without mechanical power. There is, however, a further distinction in that bakehouses, whether mechanical power is used or not, are under the supervision of the Ministry of Health as to cleanliness and other matters.

The following table deals with factories under the administration of the Home Office:—

1.—*Inspections for purposes of provisions as to health.*

Premises.	Inspections.	Written Notices.	Occupiers Prosecuted
Factories with mechanical power	64	8	—
Factories without mechani- cal power	106	8	—
Other premises under the Act, not outworkers' premises	3	—	—
Total	173	16	—

2.—Defects found.

Particulars.	No. of Defects			Referred to H.M. Inspector.	No. of Defects in respect of which Proceedings were Instituted.
	Found.	Remedied.			
(S.1.)	2	2	—	—	—
Want of Cleanliness					
Overcrowding (S.2.) ..	—	—	—	—	—
Unreasonable Temperature (S.3.)	—	—	—	—	—
Inadequate Ventilation (S.4.)	—	—	—	—	—
Ineffective Drainage of Floors (S.6.)	—	—	—	—	—
Sanitary Conveniences:					
Insufficient	2	1	—	—	—
Unsuitable or Defective... ..	5	5	—	—	—
Not Separate for Sexes	—	—	—	—	—
Other Offences	7	7	—	—	—
Outworkers' Premises	—	—	—	—	—
Total	16	15	—	—	—

The number of factories in which mechanical power is used is increasing, owing to the number of small factories having electric motors for various purposes.

In addition to the defects given in the above Table, nine notices were served requiring the limewashing of bakehouses, which were all complied with.

Thirty-two inspections of factories were also made as to means of escape in case of fire. Seven Certificates of adequate means of escape in case of fire were issued.

BED BUG INFESTATION.

Comparatively little infestation by bed bugs is found in the Area. Particulars of action taken for eradication are given below:—

(1) Number of houses found to be infested—

	Infested.	Disinfested.
(a) Council Houses	—	—
(b) Other Houses	4	4

- (2) Methods employed for freeing infested houses :—
 3 houses sprayed with “Zaldecide” insecticide.
 1 house fumigated with Hydrogen Cyanide.
- (3) As the Council has no housing estate, no scheme is in operation to ensure that the belongings of new tenants are free from vermin.
- (4) Spraying with insecticide is carried out by the Council. Fumigation by Hydrogen Cyanide is done by a Contractor for the owners.
- (5) Supervision of infested houses, before and after cleansing, is carried out by the Sanitary Inspector, who gives instructions to the occupiers.

REFUSE COLLECTION AND DISPOSAL.

Year ending 31st March, 1939.

During the year, the Karrier 2-Ton Vehicle was replaced by a 3-Ton S.D. Freighter, this vehicle being provided with a separate compartment for carrying waste paper or loaders.

The following Table gives the number of loads of house refuse collected by the vehicles, with the estimated weights, also the number of loads of trade refuse collected, with estimated weight :—

	Loads.	Estimated Weight.
S.D. Freighter No. 1	1095	2190 tons.
S.D. Freighter No. 2	596	1639 tons.
Morris No. 3	591	889 tons.
Karrier No. 2	251	503 tons.
Trade Refuse	278	313 tons.
Waste Paper	—	55 tons.
Total		
	2811	5589 tons.

The trade refuse was generally collected by the Morris vehicle.

The total cost of Collection and Disposal was as follows :

	£	s.	d.
Including Capital Expenditure	4095	9	9
Excluding Capital Expenditure... ..	3314	6	0
<i>Less</i> Income	125	17	4
	<hr/>		
Net cost of collection and disposal for the year	£3188	8	8
	<hr/>		

Cost of Collection.

	£	s.	d.
Labourers' Wages... ..	1299	14	11
Motor Haulage (including Deprecia- tion of Motors and Plant)	1202	17	6
Garages, Rents, Rates and Taxes	60	0	0
Clothing, Tools and Sundries	6	7	6
	<hr/>		
	2568	19	11
<i>Less</i> Income, Trade Refuse Collection	62	2	9
	<hr/>		
Net cost of collection... ..	2506	17	2
	<hr/>		

Cost of Disposal.

	£	s.	d.
Labourers' Wages	642	5	6
Clothing, Tools and Sundries... ..	14	9	10
Rents, Rates and Taxes... ..	86	14	9
Depreciation on Baling Press... ..	1	16	0
	<hr/>		
	745	6	1
	<hr/>		
	£	s.	d.
<i>Less</i> Income, Trade Refuse Disposal	5	6	0
Baled Waste Paper	58	8	7
	<hr/>		
	63	14	7
	<hr/>		
Net Cost of Disposal	£681	11	6
	<hr/>		

Net Cost per Ton:—	s.	d.
Collection and Disposal	11	4.92
Collection	8	11.65
Disposal	2	5.27

The total cost of collection and disposal with income and capital expenditure deducted is £74 4s. 10d. less than for last year.

I am, Gentlemen,

Yours respectfully,

ROBERT WILSON,

Chief Sanitary Inspector.

April, 1939.



